

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P935341

Luminaire Tested: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935341
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

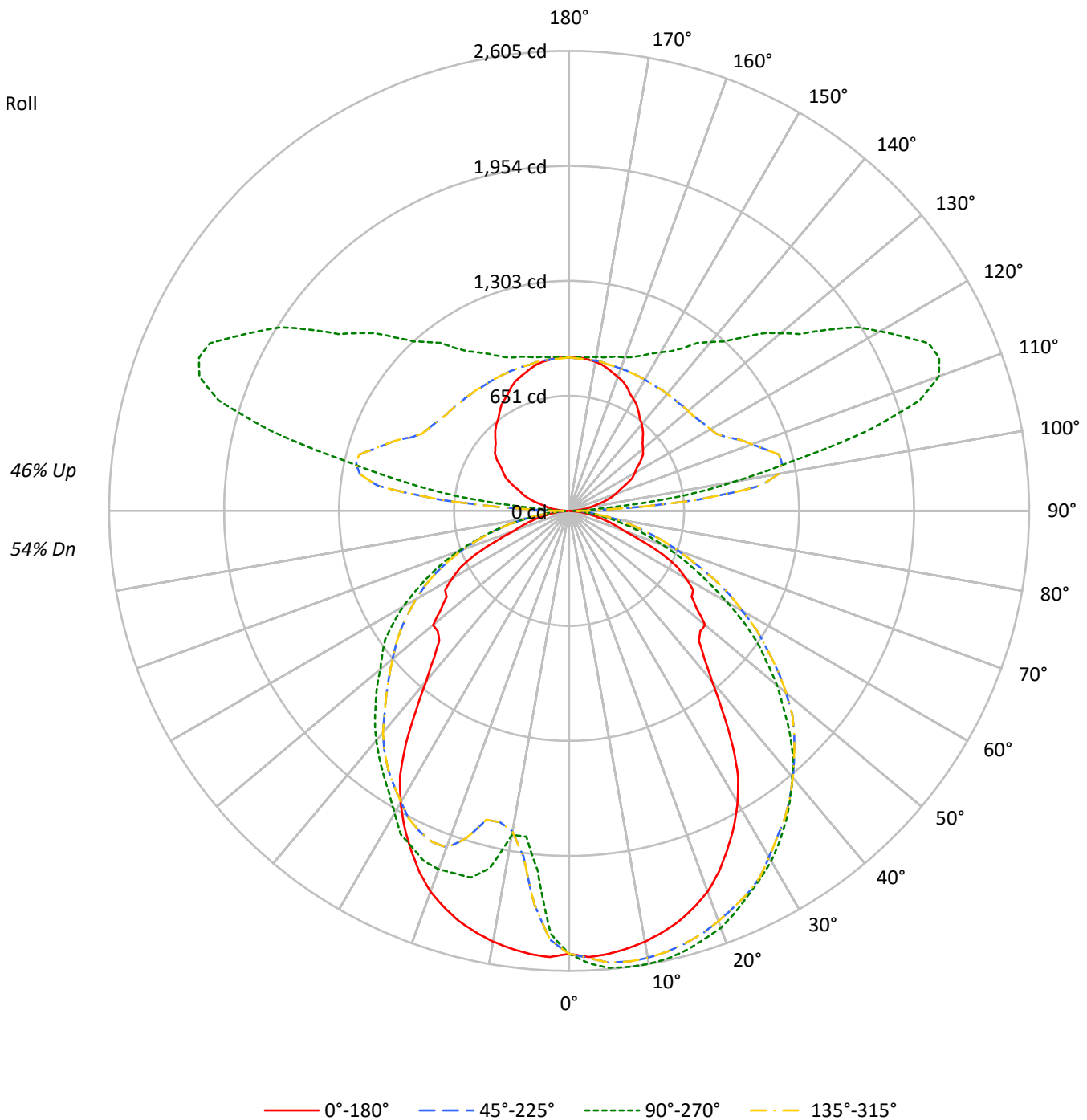
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12138.1 lumens
Efficiency: N/A
Efficacy: 117.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P935341
CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

Luminous Intensity Polar Plot





TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15512	15512	15512	15512
5°	15623	15659	15623	12313
10°	15513	15425	15513	11028
15°	15339	15091	15339	12601
20°	15011	14695	15011	12628
25°	14349	14118	14349	12360
30°	13495	13638	13495	11773
35°	12025	13032	12025	11127
40°	10014	12318	10014	10639
45°	8942	11483	8942	10078
50°	9492	10486	9492	9515
55°	8922	9412	8922	9189
60°	9186	7994	9186	8417
65°	8316	6607	8316	7387
70°	5744	5266	5744	6191
75°	5018	3893	5018	4661
80°	4016	2573	4016	2802
85°	2260	1363	2260	1159

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13713 cd/sqm



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.4	1.9
10°-20°	642.7	5.3
20°-30°	993.5	8.2
30°-40°	1186.0	9.8
40°-50°	1193.0	9.8
50°-60°	1038.0	8.6
60°-70°	736.0	6.1
70°-80°	389.4	3.2
80°-90°	100.3	0.8
90°-100°	423.6	3.5
100°-110°	1113.6	9.2
110°-120°	1154.6	9.5
120°-130°	926.2	7.6
130°-140°	726.7	6.0
140°-150°	557.8	4.6
150°-160°	401.7	3.3
160°-170°	245.8	2.0
170°-180°	83.0	0.7
0°-30°	1862.5	15.3
0°-40°	3048.5	25.1
0°-60°	5279.5	43.5
0°-90°	6505.1	53.6
90°-120°	2691.8	22.2
90°-150°	4902.4	40.4
90°-180°	5633.0	46.4
0°-180°	12138.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2508	2508	2508	2508	2508	
5°	2520	2598	2520	2043	2520	239
15°	2406	2574	2406	2149	2406	677
25°	2118	2401	2118	2102	2118	973
35°	1611	2142	1611	1829	1611	997
45°	1039	1765	1039	1549	1039	832
55°	847	1302	847	1272	847	778
65°	588	785	588	878	588	562
75°	223	372	223	446	223	234
85°	38	95	38	81	38	51
90°	6	22	6	22	6	6
95°	56	256	56	256	56	62
105°	201	1744	201	1744	201	213
115°	356	2245	356	2245	356	352
125°	496	1788	496	1788	496	440
135°	591	1387	591	1387	591	457
145°	685	1126	685	1126	685	429
155°	774	969	774	969	774	356
165°	836	903	836	903	836	236
175°	869	875	869	875	869	82
180°	869	869	869	869	869	



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2528.9	2528.9	2543.2	2547.9	2547.9	2540.8	2533.7	2540.8	2562.2	2569.3	2566.9
5°	2519.5	2538.5	2564.6	2569.3	2574.1	2571.7	2566.9	2571.7	2595.4	2600.2	2602.5
7.5°	2500.5	2536.0	2569.3	2576.4	2583.5	2576.4	2574.1	2578.8	2602.5	2607.3	2607.3
10°	2476.8	2526.6	2564.6	2569.3	2576.4	2569.3	2569.3	2578.8	2602.5	2607.3	2609.6
12.5°	2443.6	2512.4	2547.9	2552.7	2562.2	2559.8	2557.4	2566.9	2590.6	2595.4	2595.4
15°	2405.7	2486.2	2519.5	2524.3	2540.8	2536.0	2536.0	2545.6	2571.7	2578.8	2576.4
17.5°	2353.4	2453.0	2491.0	2498.1	2510.0	2507.6	2510.0	2519.5	2543.2	2547.9	2550.3
20°	2294.1	2408.0	2453.0	2460.1	2472.0	2472.0	2472.0	2483.9	2507.6	2517.1	2517.1
22.5°	2213.5	2360.5	2408.0	2412.8	2427.0	2427.0	2431.7	2448.3	2469.7	2472.0	2472.0
25°	2118.5	2308.3	2348.6	2362.9	2377.1	2384.2	2391.4	2400.9	2408.0	2405.7	2408.0
27.5°	2018.9	2241.9	2294.1	2303.6	2322.6	2329.7	2339.2	2341.5	2344.0	2351.1	2346.3
30°	1907.4	2149.4	2227.7	2237.1	2268.0	2272.7	2263.3	2268.0	2279.8	2284.6	2289.4
32.5°	1781.6	2011.8	2158.9	2180.2	2208.7	2194.5	2192.1	2199.2	2218.2	2218.2	2222.9
35°	1610.9	1905.0	2094.9	2113.8	2135.1	2118.5	2128.0	2130.4	2142.3	2149.4	2147.0
37.5°	1423.5	1812.5	2028.4	2042.6	2059.3	2037.8	2052.1	2059.3	2068.7	2064.0	2064.0
40°	1257.4	1667.8	1950.1	1959.6	1973.8	1957.2	1971.5	1976.2	1980.9	1976.2	1973.8
42.5°	1134.0	1508.8	1867.1	1878.9	1869.4	1881.3	1886.0	1895.6	1888.4	1878.9	1878.9
45°	1039.1	1466.2	1776.9	1791.2	1776.9	1795.9	1803.0	1803.0	1781.6	1776.9	1774.5
47.5°	1008.3	1380.7	1686.8	1686.8	1679.7	1703.4	1715.3	1698.6	1677.2	1670.1	1670.1
50°	1005.9	1285.9	1563.4	1553.9	1587.1	1615.6	1603.8	1587.1	1570.5	1544.4	1544.4
52.5°	913.4	1169.6	1404.5	1440.0	1492.3	1508.8	1489.8	1473.3	1444.8	1432.9	1423.5
55°	846.9	1048.6	1259.7	1330.9	1385.5	1406.8	1371.2	1354.7	1312.0	1304.8	1300.1
57.5°	832.7	873.0	1126.9	1217.1	1283.4	1281.1	1259.7	1228.9	1193.3	1186.2	1183.8
60°	763.9	631.0	984.5	1091.3	1160.1	1153.0	1134.0	1105.6	1072.3	1067.6	1062.9
62.5°	692.7	457.9	823.2	944.2	1041.4	1039.1	1022.5	979.8	956.1	944.2	934.7
65°	588.4	384.4	586.0	785.2	925.3	929.9	894.4	863.6	837.5	823.2	820.9
67.5°	448.4	313.1	396.2	654.8	813.8	809.0	763.9	749.6	716.5	709.3	695.1
70°	332.1	208.8	275.2	531.4	704.6	692.7	657.2	640.6	609.7	593.1	583.6
72.5°	275.2	168.4	201.6	412.8	593.1	578.9	548.0	529.0	503.0	488.8	479.2
75°	223.0	178.0	154.2	306.0	481.6	472.1	443.6	424.6	403.3	384.4	386.7
77.5°	163.7	166.1	123.4	225.4	381.9	367.7	351.1	327.4	317.9	298.9	298.9
80°	123.4	130.5	92.5	154.2	275.2	275.2	261.0	244.3	227.8	218.3	218.3
82.5°	83.0	83.0	68.8	97.3	187.4	180.3	170.8	166.1	156.6	151.8	151.8
85°	37.9	47.5	42.7	59.4	102.0	106.7	106.7	102.0	99.6	94.9	97.3
87.5°	11.9	21.3	26.1	33.2	52.2	54.6	56.9	56.9	56.9	59.4	59.4
90°	5.8	10.5	15.1	16.4	25.7	38.1	44.3	39.4	29.5	22.2	22.2
92.5°	23.4	63.0	102.6	112.5	158.2	219.1	249.6	218.7	157.0	110.8	106.4
95°	56.0	128.5	201.1	219.3	389.4	616.2	729.5	651.0	493.9	376.1	362.8
97.5°	96.8	160.9	224.9	240.9	524.5	902.6	1091.7	1042.1	942.8	868.3	842.9
100°	128.3	186.4	244.4	258.9	573.6	993.2	1203.1	1206.7	1214.0	1219.4	1189.1
102.5°	155.2	209.4	263.5	277.0	596.2	1021.8	1234.6	1297.8	1424.3	1519.2	1493.3
105°	200.6	246.5	292.4	303.9	613.0	1025.1	1231.1	1372.9	1656.4	1869.0	1855.1
107.5°	247.2	290.0	332.8	343.5	616.1	979.4	1161.1	1358.9	1754.3	2051.0	2054.4
110°	278.7	317.3	356.0	365.7	611.4	939.0	1102.8	1323.8	1766.0	2097.7	2112.2



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	309.7	346.5	383.3	392.5	611.6	903.7	1049.7	1276.0	1728.6	2067.9	2090.2
115°	356.3	390.2	424.2	432.7	617.2	863.1	986.1	1204.1	1640.1	1967.1	1998.0
117.5°	402.4	433.2	464.1	471.7	628.6	837.8	942.4	1139.1	1532.5	1827.6	1861.9
120°	429.2	458.3	487.3	494.6	638.0	829.3	924.9	1104.6	1464.1	1733.8	1767.1
122.5°	455.5	484.7	514.1	521.4	651.4	824.8	911.5	1073.4	1397.1	1639.8	1672.7
125°	495.7	522.4	549.1	555.8	669.5	821.1	896.9	1034.4	1309.4	1515.7	1546.0
127.5°	528.4	555.3	582.3	589.1	687.6	819.0	884.7	1002.8	1238.9	1416.0	1441.5
130°	545.9	574.9	603.9	611.2	700.8	820.3	880.0	985.1	1195.3	1353.0	1376.5
132.5°	563.9	593.0	622.0	629.2	711.5	821.1	875.9	970.0	1158.2	1299.3	1320.5
135°	590.7	617.2	643.6	650.3	723.2	820.3	868.9	947.7	1105.3	1223.5	1241.8
137.5°	618.1	644.3	670.6	677.1	740.7	825.4	867.8	934.4	1067.6	1167.5	1182.4
140°	640.9	665.0	689.2	695.1	751.3	826.2	863.7	921.2	1036.3	1122.6	1136.5
142.5°	658.4	680.7	703.0	708.6	760.3	829.2	863.7	914.2	1015.3	1091.1	1103.0
145°	685.2	704.7	724.1	729.0	772.0	829.3	857.9	899.2	981.9	1043.9	1052.9
147.5°	712.1	730.9	749.8	754.6	789.0	834.9	857.9	890.4	955.5	1004.2	1011.7
150°	729.5	746.6	763.7	768.0	798.0	837.9	857.9	885.4	940.2	981.4	987.5
152.5°	747.7	760.7	773.6	776.8	803.8	839.8	857.9	881.3	928.3	963.4	968.0
155°	774.5	784.0	793.6	796.0	816.7	844.1	857.9	876.6	913.9	941.8	944.9
157.5°	794.3	803.7	812.9	815.3	829.5	848.4	857.9	872.4	901.4	923.2	925.4
160°	807.7	815.0	822.3	824.0	835.3	850.4	857.9	870.3	895.2	913.9	915.1
162.5°	821.1	826.6	832.0	833.4	841.5	852.5	857.9	868.3	889.4	905.1	906.2
165°	835.7	840.6	845.5	846.8	850.5	855.4	857.9	865.4	880.4	891.7	892.9
167.5°	849.1	851.4	853.8	854.3	857.4	861.6	863.7	868.6	878.4	885.8	886.4
170°	857.9	860.2	862.5	863.1	863.3	863.6	863.7	868.6	878.4	885.8	885.8
172.5°	862.5	863.0	863.6	863.7	863.7	863.7	863.7	867.6	875.4	881.1	880.7
175°	868.9	868.9	868.9	868.9	867.1	864.8	863.7	866.1	871.1	874.8	874.8
177.5°	868.9	868.9	868.9	868.9	867.6	865.8	864.9	866.8	870.7	873.6	873.0
180°	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2571.7	2564.6	2571.7	2566.9	2569.3	2562.2	2540.8	2533.7	2540.8	2547.9	2547.9
5°	2602.5	2597.7	2602.5	2602.5	2600.2	2595.4	2571.7	2566.9	2571.7	2574.1	2569.3
7.5°	2612.0	2604.9	2612.0	2607.3	2607.3	2602.5	2578.8	2574.1	2576.4	2583.5	2576.4
10°	2612.0	2604.9	2612.0	2609.6	2607.3	2602.5	2578.8	2569.3	2569.3	2576.4	2569.3
12.5°	2600.2	2595.4	2600.2	2595.4	2595.4	2590.6	2566.9	2557.4	2559.8	2562.2	2552.7
15°	2581.2	2574.1	2581.2	2576.4	2578.8	2571.7	2545.6	2536.0	2536.0	2540.8	2524.3
17.5°	2552.7	2543.2	2552.7	2550.3	2547.9	2543.2	2519.5	2510.0	2507.6	2510.0	2498.1
20°	2519.5	2512.4	2519.5	2517.1	2517.1	2507.6	2483.9	2472.0	2472.0	2472.0	2460.1
22.5°	2467.2	2460.1	2467.2	2472.0	2472.0	2469.7	2448.3	2431.7	2427.0	2427.0	2412.8
25°	2408.0	2400.9	2408.0	2408.0	2405.7	2408.0	2400.9	2391.4	2384.2	2377.1	2362.9
27.5°	2351.1	2346.3	2351.1	2346.3	2351.1	2344.0	2341.5	2339.2	2329.7	2322.6	2303.6
30°	2294.1	2289.4	2294.1	2289.4	2284.6	2279.8	2268.0	2263.3	2272.7	2268.0	2237.1
32.5°	2222.9	2218.2	2222.9	2222.9	2218.2	2218.2	2199.2	2192.1	2194.5	2208.7	2180.2
35°	2149.4	2142.3	2149.4	2147.0	2149.4	2142.3	2130.4	2128.0	2118.5	2135.1	2113.8
37.5°	2064.0	2056.8	2064.0	2064.0	2064.0	2068.7	2059.3	2052.1	2037.8	2059.3	2042.6
40°	1976.2	1966.7	1976.2	1973.8	1976.2	1980.9	1976.2	1971.5	1957.2	1973.8	1959.6
42.5°	1876.6	1874.2	1876.6	1878.9	1878.9	1888.4	1895.6	1886.0	1881.3	1869.4	1878.9
45°	1769.8	1765.1	1769.8	1774.5	1776.9	1781.6	1803.0	1803.0	1795.9	1776.9	1791.2
47.5°	1655.9	1644.1	1655.9	1670.1	1670.1	1677.2	1698.6	1715.3	1703.4	1679.7	1686.8
50°	1535.0	1537.3	1535.0	1544.4	1544.4	1570.5	1587.1	1603.8	1615.6	1587.1	1553.9
52.5°	1416.4	1413.9	1416.4	1423.5	1432.9	1444.8	1473.3	1489.8	1508.8	1492.3	1440.0
55°	1297.7	1302.4	1297.7	1300.1	1304.8	1312.0	1354.7	1371.2	1406.8	1385.5	1330.9
57.5°	1179.0	1171.9	1179.0	1183.8	1186.2	1193.3	1228.9	1259.7	1281.1	1283.4	1217.1
60°	1041.4	1032.0	1041.4	1062.9	1067.6	1072.3	1105.6	1134.0	1153.0	1160.1	1091.3
62.5°	920.5	903.9	920.5	934.7	944.2	956.1	979.8	1022.5	1039.1	1041.4	944.2
65°	792.4	785.2	792.4	820.9	823.2	837.5	863.6	894.4	929.9	925.3	785.2
67.5°	676.2	676.2	676.2	695.1	709.3	716.5	749.6	763.9	809.0	813.8	654.8
70°	569.3	567.0	569.3	583.6	593.1	609.7	640.6	657.2	692.7	704.6	531.4
72.5°	467.4	465.0	467.4	479.2	488.8	503.0	529.0	548.0	578.9	593.1	412.8
75°	377.2	372.5	377.2	386.7	384.4	403.3	424.6	443.6	472.1	481.6	306.0
77.5°	289.5	289.5	289.5	298.9	298.9	317.9	327.4	351.1	367.7	381.9	225.4
80°	215.9	213.5	215.9	218.3	218.3	227.8	244.3	261.0	275.2	275.2	154.2
82.5°	151.8	147.1	151.8	151.8	151.8	156.6	166.1	170.8	180.3	187.4	97.3
85°	94.9	94.9	94.9	97.3	94.9	99.6	102.0	106.7	106.7	102.0	59.4
87.5°	61.7	59.4	61.7	59.4	59.4	56.9	56.9	56.9	54.6	52.2	33.2
90°	22.2	22.2	22.2	22.2	22.2	29.5	39.4	44.3	38.1	25.7	16.4
92.5°	88.7	71.1	88.7	106.4	110.8	157.0	218.7	249.6	219.1	158.2	112.5
95°	309.4	256.0	309.4	362.8	376.1	493.9	651.0	729.5	616.2	389.4	219.3
97.5°	741.3	639.7	741.3	842.9	868.3	942.8	1042.1	1091.7	902.6	524.5	240.9
100°	1068.1	947.0	1068.1	1189.1	1219.4	1214.0	1206.7	1203.1	993.2	573.6	258.9
102.5°	1389.5	1285.9	1389.5	1493.3	1519.2	1424.3	1297.8	1234.6	1021.8	596.2	277.0
105°	1799.4	1743.7	1799.4	1855.1	1869.0	1656.4	1372.9	1231.1	1025.1	613.0	303.9
107.5°	2067.9	2081.4	2067.9	2054.4	2051.0	1754.3	1358.9	1161.1	979.4	616.1	343.5
110°	2170.3	2228.3	2170.3	2112.2	2097.7	1766.0	1323.8	1102.8	939.0	611.4	365.7



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2179.4	2268.5	2179.4	2090.2	2067.9	1728.6	1276.0	1049.7	903.7	611.6	392.5
115°	2121.6	2245.3	2121.6	1998.0	1967.1	1640.1	1204.1	986.1	863.1	617.2	432.7
117.5°	1999.1	2136.2	1999.1	1861.9	1827.6	1532.5	1139.1	942.4	837.8	628.6	471.7
120°	1900.4	2033.5	1900.4	1767.1	1733.8	1464.1	1104.6	924.9	829.3	638.0	494.6
122.5°	1804.2	1935.6	1804.2	1672.7	1639.8	1397.1	1073.4	911.5	824.8	651.4	521.4
125°	1667.0	1788.0	1667.0	1546.0	1515.7	1309.4	1034.4	896.9	821.1	669.5	555.8
127.5°	1543.7	1645.7	1543.7	1441.5	1416.0	1238.9	1002.8	884.7	819.0	687.6	589.1
130°	1470.9	1565.3	1470.9	1376.5	1353.0	1195.3	985.1	880.0	820.3	700.8	611.2
132.5°	1405.0	1489.5	1405.0	1320.5	1299.3	1158.2	970.0	875.9	821.1	711.5	629.2
135°	1314.6	1387.4	1314.6	1241.8	1223.5	1105.3	947.7	868.9	820.3	723.2	650.3
137.5°	1242.0	1301.7	1242.0	1182.4	1167.5	1067.6	934.4	867.8	825.4	740.7	677.1
140°	1192.3	1248.0	1192.3	1136.5	1122.6	1036.3	921.2	863.7	826.2	751.3	695.1
142.5°	1151.1	1199.0	1151.1	1103.0	1091.1	1015.3	914.2	863.7	829.2	760.3	708.6
145°	1089.3	1125.6	1089.3	1052.9	1043.9	981.9	899.2	857.9	829.3	772.0	729.0
147.5°	1041.8	1071.9	1041.8	1011.7	1004.2	955.5	890.4	857.9	834.9	789.0	754.6
150°	1011.9	1036.3	1011.9	987.5	981.4	940.2	885.4	857.9	837.9	798.0	768.0
152.5°	986.4	1004.8	986.4	968.0	963.4	928.3	881.3	857.9	839.8	803.8	776.8
155°	957.0	969.2	957.0	944.9	941.8	913.9	876.6	857.9	844.1	816.7	796.0
157.5°	933.9	942.4	933.9	925.4	923.2	901.4	872.4	857.9	848.4	829.5	815.3
160°	920.0	924.9	920.0	915.1	913.9	895.2	870.3	857.9	850.4	835.3	824.0
162.5°	910.9	915.5	910.9	906.2	905.1	889.4	868.3	857.9	852.5	841.5	833.4
165°	897.9	902.7	897.9	892.9	891.7	880.4	865.4	857.9	855.4	850.5	846.8
167.5°	888.4	890.5	888.4	886.4	885.8	878.4	868.6	863.7	861.6	857.4	854.3
170°	885.8	885.8	885.8	885.8	885.8	878.4	868.6	863.7	863.6	863.3	863.1
172.5°	878.9	877.1	878.9	880.7	881.1	875.4	867.6	863.7	863.7	863.7	863.7
175°	874.8	874.8	874.8	874.8	874.8	871.1	866.1	863.7	864.8	867.1	868.9
177.5°	871.0	868.9	871.0	873.0	873.6	870.7	866.8	864.9	865.8	867.6	868.9
180°	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2543.2	2528.9	2528.9	2505.3	2495.8	2488.7	2476.8	2441.2	2431.7	2422.2	2436.4
5°	2564.6	2538.5	2519.5	2476.8	2441.2	2427.0	2381.9	2296.5	2239.6	2196.8	2173.1
7.5°	2569.3	2536.0	2500.5	2434.1	2348.6	2310.7	2173.1	2016.5	1973.8	1935.9	1912.1
10°	2564.6	2526.6	2476.8	2377.1	2175.5	2109.1	1971.5	1869.4	1843.3	1836.2	1843.3
12.5°	2547.9	2512.4	2443.6	2277.5	1995.2	1950.1	1869.4	1810.2	1805.4	1817.3	1881.3
15°	2519.5	2486.2	2405.7	2144.7	1895.6	1862.3	1805.4	1784.1	1810.2	1893.2	2085.3
17.5°	2491.0	2453.0	2353.4	2014.2	1819.6	1795.9	1755.6	1798.3	1945.4	2056.8	2120.9
20°	2453.0	2408.0	2294.1	1919.2	1765.1	1743.7	1724.7	1916.9	2028.4	2068.7	2104.3
22.5°	2408.0	2360.5	2213.5	1852.9	1708.1	1691.5	1703.4	1983.4	2028.4	2056.8	2087.7
25°	2348.6	2308.3	2118.5	1800.6	1663.0	1644.1	1689.1	1976.2	2002.3	2009.4	2071.1
27.5°	2294.1	2241.9	2018.9	1753.2	1608.4	1601.3	1701.0	1945.4	1964.4	1971.5	2037.8
30°	2227.7	2149.4	1907.4	1703.4	1551.5	1549.2	1703.4	1907.4	1902.7	1921.7	1988.0
32.5°	2158.9	2011.8	1781.6	1641.7	1497.0	1494.6	1686.8	1850.4	1845.8	1871.8	1921.7
35°	2094.9	1905.0	1610.9	1570.5	1428.1	1430.6	1646.5	1784.1	1786.4	1810.2	1841.0
37.5°	2028.4	1812.5	1423.5	1492.3	1361.8	1361.8	1591.9	1722.4	1717.6	1724.7	1767.4
40°	1950.1	1667.8	1257.4	1390.2	1300.1	1293.0	1525.4	1655.9	1639.3	1637.0	1696.3
42.5°	1867.1	1508.8	1134.0	1255.0	1228.9	1219.4	1444.8	1575.3	1544.4	1551.5	1627.4
45°	1776.9	1466.2	1039.1	1060.4	1155.4	1148.2	1357.0	1482.7	1461.4	1480.4	1558.6
47.5°	1686.8	1380.7	1008.3	880.1	1077.1	1074.7	1259.7	1392.6	1380.7	1399.7	1482.7
50°	1563.4	1285.9	1005.9	754.4	989.3	998.7	1143.5	1304.8	1304.8	1321.4	1409.2
52.5°	1404.5	1169.6	913.4	683.3	887.3	915.7	1041.4	1228.9	1233.6	1250.3	1328.5
55°	1259.7	1048.6	846.9	628.7	766.3	828.0	941.8	1150.6	1160.1	1176.7	1247.8
57.5°	1126.9	873.0	832.7	564.7	654.8	714.1	854.0	1074.7	1079.4	1093.7	1162.5
60°	984.5	631.0	763.9	495.9	557.6	602.6	773.4	984.5	1001.2	1010.6	1070.0
62.5°	823.2	457.9	692.7	448.4	510.1	519.5	707.0	899.1	920.5	927.6	963.2
65°	586.0	384.4	588.4	408.1	460.2	462.6	635.8	811.3	830.3	842.2	868.3
67.5°	396.2	313.1	448.4	370.1	422.3	424.6	567.0	709.3	735.4	745.0	761.5
70°	275.2	208.8	332.1	329.8	379.6	384.4	493.4	616.8	640.6	647.7	657.2
72.5°	201.6	168.4	275.2	296.6	334.5	339.3	417.5	512.4	536.1	543.3	548.0
75°	154.2	178.0	223.0	258.6	284.7	287.0	341.6	417.5	434.2	438.9	441.3
77.5°	123.4	166.1	163.7	208.8	232.5	227.8	268.1	322.7	336.9	336.9	336.9
80°	92.5	130.5	123.4	149.5	170.8	166.1	192.2	230.1	234.9	239.6	237.2
82.5°	68.8	83.0	83.0	94.9	113.8	109.2	128.1	149.5	149.5	149.5	154.2
85°	42.7	47.5	37.9	49.8	64.0	61.7	71.1	80.7	83.0	83.0	78.3
87.5°	26.1	21.3	11.9	19.0	28.5	28.5	33.2	35.6	33.2	33.2	33.2
90°	15.1	10.5	5.8	10.5	15.1	16.4	25.7	38.1	44.3	39.4	29.5
92.5°	102.6	63.0	23.4	63.0	102.6	112.5	158.2	219.1	249.6	218.7	157.0
95°	201.1	128.5	56.0	128.5	201.1	219.3	389.4	616.2	729.5	651.0	493.9
97.5°	224.9	160.9	96.8	160.9	224.9	240.9	524.5	902.6	1091.7	1042.1	942.8
100°	244.4	186.4	128.3	186.4	244.4	258.9	573.6	993.2	1203.1	1206.7	1214.0
102.5°	263.5	209.4	155.2	209.4	263.5	277.0	596.2	1021.8	1234.6	1297.8	1424.3
105°	292.4	246.5	200.6	246.5	292.4	303.9	613.0	1025.1	1231.1	1372.9	1656.4
107.5°	332.8	290.0	247.2	290.0	332.8	343.5	616.1	979.4	1161.1	1358.9	1754.3
110°	356.0	317.3	278.7	317.3	356.0	365.7	611.4	939.0	1102.8	1323.8	1766.0



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	383.3	346.5	309.7	346.5	383.3	392.5	611.6	903.7	1049.7	1276.0	1728.6
115°	424.2	390.2	356.3	390.2	424.2	432.7	617.2	863.1	986.1	1204.1	1640.1
117.5°	464.1	433.2	402.4	433.2	464.1	471.7	628.6	837.8	942.4	1139.1	1532.5
120°	487.3	458.3	429.2	458.3	487.3	494.6	638.0	829.3	924.9	1104.6	1464.1
122.5°	514.1	484.7	455.5	484.7	514.1	521.4	651.4	824.8	911.5	1073.4	1397.1
125°	549.1	522.4	495.7	522.4	549.1	555.8	669.5	821.1	896.9	1034.4	1309.4
127.5°	582.3	555.3	528.4	555.3	582.3	589.1	687.6	819.0	884.7	1002.8	1238.9
130°	603.9	574.9	545.9	574.9	603.9	611.2	700.8	820.3	880.0	985.1	1195.3
132.5°	622.0	593.0	563.9	593.0	622.0	629.2	711.5	821.1	875.9	970.0	1158.2
135°	643.6	617.2	590.7	617.2	643.6	650.3	723.2	820.3	868.9	947.7	1105.3
137.5°	670.6	644.3	618.1	644.3	670.6	677.1	740.7	825.4	867.8	934.4	1067.6
140°	689.2	665.0	640.9	665.0	689.2	695.1	751.3	826.2	863.7	921.2	1036.3
142.5°	703.0	680.7	658.4	680.7	703.0	708.6	760.3	829.2	863.7	914.2	1015.3
145°	724.1	704.7	685.2	704.7	724.1	729.0	772.0	829.3	857.9	899.2	981.9
147.5°	749.8	730.9	712.1	730.9	749.8	754.6	789.0	834.9	857.9	890.4	955.5
150°	763.7	746.6	729.5	746.6	763.7	768.0	798.0	837.9	857.9	885.4	940.2
152.5°	773.6	760.7	747.7	760.7	773.6	776.8	803.8	839.8	857.9	881.3	928.3
155°	793.6	784.0	774.5	784.0	793.6	796.0	816.7	844.1	857.9	876.6	913.9
157.5°	812.9	803.7	794.3	803.7	812.9	815.3	829.5	848.4	857.9	872.4	901.4
160°	822.3	815.0	807.7	815.0	822.3	824.0	835.3	850.4	857.9	870.3	895.2
162.5°	832.0	826.6	821.1	826.6	832.0	833.4	841.5	852.5	857.9	868.3	889.4
165°	845.5	840.6	835.7	840.6	845.5	846.8	850.5	855.4	857.9	865.4	880.4
167.5°	853.8	851.4	849.1	851.4	853.8	854.3	857.4	861.6	863.7	868.6	878.4
170°	862.5	860.2	857.9	860.2	862.5	863.1	863.3	863.6	863.7	868.6	878.4
172.5°	863.6	863.0	862.5	863.0	863.6	863.7	863.7	863.7	863.7	867.6	875.4
175°	868.9	868.9	868.9	868.9	868.9	868.9	867.1	864.8	863.7	866.1	871.1
177.5°	868.9	868.9	868.9	868.9	868.9	868.9	867.6	865.8	864.9	866.8	870.7
180°	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2419.9	2412.8	2422.2	2396.1	2422.2	2412.8	2419.9	2436.4	2422.2	2431.7	2441.2
5°	2123.3	2111.4	2073.5	2042.6	2073.5	2111.4	2123.3	2173.1	2196.8	2239.6	2296.5
7.5°	1897.9	1888.4	1878.9	1860.0	1878.9	1888.4	1897.9	1912.1	1935.9	1973.8	2016.5
10°	1848.1	1850.4	1864.7	1862.3	1864.7	1850.4	1848.1	1843.3	1836.2	1843.3	1869.4
12.5°	1976.2	1997.6	2075.9	2071.1	2075.9	1997.6	1976.2	1881.3	1817.3	1805.4	1810.2
15°	2123.3	2130.4	2147.0	2149.4	2147.0	2130.4	2123.3	2085.3	1893.2	1810.2	1784.1
17.5°	2137.5	2139.9	2151.8	2151.8	2151.8	2139.9	2137.5	2120.9	2056.8	1945.4	1798.3
20°	2125.7	2130.4	2154.1	2158.9	2154.1	2130.4	2125.7	2104.3	2068.7	2028.4	1916.9
22.5°	2120.9	2130.4	2149.4	2147.0	2149.4	2130.4	2120.9	2087.7	2056.8	2028.4	1983.4
25°	2097.2	2097.2	2099.5	2102.0	2099.5	2097.2	2097.2	2071.1	2009.4	2002.3	1976.2
27.5°	2047.4	2052.1	2066.4	2064.0	2066.4	2052.1	2047.4	2037.8	1971.5	1964.4	1945.4
30°	2002.3	1997.6	1985.7	1976.2	1985.7	1997.6	2002.3	1988.0	1921.7	1902.7	1907.4
32.5°	1926.4	1914.6	1902.7	1895.6	1902.7	1914.6	1926.4	1921.7	1871.8	1845.8	1850.4
35°	1836.2	1838.6	1836.2	1829.1	1836.2	1838.6	1836.2	1841.0	1810.2	1786.4	1784.1
37.5°	1772.2	1776.9	1774.5	1765.1	1774.5	1776.9	1772.2	1767.4	1724.7	1717.6	1722.4
40°	1705.7	1708.1	1705.7	1698.6	1705.7	1708.1	1705.7	1696.3	1637.0	1639.3	1655.9
42.5°	1641.7	1639.3	1632.2	1627.4	1632.2	1639.3	1641.7	1627.4	1551.5	1544.4	1575.3
45°	1568.2	1570.5	1556.3	1549.2	1556.3	1570.5	1568.2	1558.6	1480.4	1461.4	1482.7
47.5°	1494.6	1494.6	1482.7	1475.6	1482.7	1494.6	1494.6	1482.7	1399.7	1380.7	1392.6
50°	1416.4	1413.9	1397.4	1395.0	1397.4	1413.9	1416.4	1409.2	1321.4	1304.8	1304.8
52.5°	1326.2	1326.2	1328.5	1333.3	1328.5	1326.2	1326.2	1328.5	1250.3	1233.6	1228.9
55°	1247.8	1250.3	1266.9	1271.6	1266.9	1250.3	1247.8	1247.8	1176.7	1160.1	1150.6
57.5°	1167.3	1167.3	1179.0	1179.0	1179.0	1167.3	1167.3	1162.5	1093.7	1079.4	1074.7
60°	1074.7	1079.4	1088.9	1086.6	1088.9	1079.4	1074.7	1070.0	1010.6	1001.2	984.5
62.5°	977.4	982.2	984.5	979.8	984.5	982.2	977.4	963.2	927.6	920.5	899.1
65°	875.4	880.1	882.5	877.8	882.5	880.1	875.4	868.3	842.2	830.3	811.3
67.5°	771.0	768.6	766.3	775.8	766.3	768.6	771.0	761.5	745.0	735.4	709.3
70°	664.3	664.3	661.9	666.6	661.9	664.3	664.3	657.2	647.7	640.6	616.8
72.5°	550.4	548.0	557.6	550.4	557.6	548.0	550.4	548.0	543.3	536.1	512.4
75°	438.9	443.6	438.9	446.0	438.9	443.6	438.9	441.3	438.9	434.2	417.5
77.5°	334.5	339.3	334.5	334.5	334.5	339.3	334.5	336.9	336.9	336.9	322.7
80°	237.2	234.9	234.9	232.5	234.9	234.9	237.2	237.2	239.6	234.9	230.1
82.5°	151.8	149.5	149.5	154.2	149.5	149.5	151.8	154.2	149.5	149.5	149.5
85°	83.0	85.4	80.7	80.7	80.7	85.4	83.0	78.3	83.0	83.0	80.7
87.5°	30.8	28.5	28.5	28.5	28.5	28.5	30.8	33.2	33.2	33.2	35.6
90°	22.2	22.2	22.2	22.2	22.2	22.2	22.2	29.5	39.4	44.3	38.1
92.5°	110.8	106.4	88.7	71.1	88.7	106.4	110.8	157.0	218.7	249.6	219.1
95°	376.1	362.8	309.4	256.0	309.4	362.8	376.1	493.9	651.0	729.5	616.2
97.5°	868.3	842.9	741.3	639.7	741.3	842.9	868.3	942.8	1042.1	1091.7	902.6
100°	1219.4	1189.1	1068.1	947.0	1068.1	1189.1	1219.4	1214.0	1206.7	1203.1	993.2
102.5°	1519.2	1493.3	1389.5	1285.9	1389.5	1493.3	1519.2	1424.3	1297.8	1234.6	1021.8
105°	1869.0	1855.1	1799.4	1743.7	1799.4	1855.1	1869.0	1656.4	1372.9	1231.1	1025.1
107.5°	2051.0	2054.4	2067.9	2081.4	2067.9	2054.4	2051.0	1754.3	1358.9	1161.1	979.4
110°	2097.7	2112.2	2170.3	2228.3	2170.3	2112.2	2097.7	1766.0	1323.8	1102.8	939.0



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2067.9	2090.2	2179.4	2268.5	2179.4	2090.2	2067.9	1728.6	1276.0	1049.7	903.7
115°	1967.1	1998.0	2121.6	2245.3	2121.6	1998.0	1967.1	1640.1	1204.1	986.1	863.1
117.5°	1827.6	1861.9	1999.1	2136.2	1999.1	1861.9	1827.6	1532.5	1139.1	942.4	837.8
120°	1733.8	1767.1	1900.4	2033.5	1900.4	1767.1	1733.8	1464.1	1104.6	924.9	829.3
122.5°	1639.8	1672.7	1804.2	1935.6	1804.2	1672.7	1639.8	1397.1	1073.4	911.5	824.8
125°	1515.7	1546.0	1667.0	1788.0	1667.0	1546.0	1515.7	1309.4	1034.4	896.9	821.1
127.5°	1416.0	1441.5	1543.7	1645.7	1543.7	1441.5	1416.0	1238.9	1002.8	884.7	819.0
130°	1353.0	1376.5	1470.9	1565.3	1470.9	1376.5	1353.0	1195.3	985.1	880.0	820.3
132.5°	1299.3	1320.5	1405.0	1489.5	1405.0	1320.5	1299.3	1158.2	970.0	875.9	821.1
135°	1223.5	1241.8	1314.6	1387.4	1314.6	1241.8	1223.5	1105.3	947.7	868.9	820.3
137.5°	1167.5	1182.4	1242.0	1301.7	1242.0	1182.4	1167.5	1067.6	934.4	867.8	825.4
140°	1122.6	1136.5	1192.3	1248.0	1192.3	1136.5	1122.6	1036.3	921.2	863.7	826.2
142.5°	1091.1	1103.0	1151.1	1199.0	1151.1	1103.0	1091.1	1015.3	914.2	863.7	829.2
145°	1043.9	1052.9	1089.3	1125.6	1089.3	1052.9	1043.9	981.9	899.2	857.9	829.3
147.5°	1004.2	1011.7	1041.8	1071.9	1041.8	1011.7	1004.2	955.5	890.4	857.9	834.9
150°	981.4	987.5	1011.9	1036.3	1011.9	987.5	981.4	940.2	885.4	857.9	837.9
152.5°	963.4	968.0	986.4	1004.8	986.4	968.0	963.4	928.3	881.3	857.9	839.8
155°	941.8	944.9	957.0	969.2	957.0	944.9	941.8	913.9	876.6	857.9	844.1
157.5°	923.2	925.4	933.9	942.4	933.9	925.4	923.2	901.4	872.4	857.9	848.4
160°	913.9	915.1	920.0	924.9	920.0	915.1	913.9	895.2	870.3	857.9	850.4
162.5°	905.1	906.2	910.9	915.5	910.9	906.2	905.1	889.4	868.3	857.9	852.5
165°	891.7	892.9	897.9	902.7	897.9	892.9	891.7	880.4	865.4	857.9	855.4
167.5°	885.8	886.4	888.4	890.5	888.4	886.4	885.8	878.4	868.6	863.7	861.6
170°	885.8	885.8	885.8	885.8	885.8	885.8	885.8	878.4	868.6	863.7	863.6
172.5°	881.1	880.7	878.9	877.1	878.9	880.7	881.1	875.4	867.6	863.7	863.7
175°	874.8	874.8	874.8	874.8	874.8	874.8	874.8	871.1	866.1	863.7	864.8
177.5°	873.6	873.0	871.0	868.9	871.0	873.0	873.6	870.7	866.8	864.9	865.8
180°	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9	868.9



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2507.6	2507.6	2507.6	2507.6	2507.6
2.5°	2476.8	2488.7	2495.8	2505.3	2528.9
5°	2381.9	2427.0	2441.2	2476.8	2519.5
7.5°	2173.1	2310.7	2348.6	2434.1	2500.5
10°	1971.5	2109.1	2175.5	2377.1	2476.8
12.5°	1869.4	1950.1	1995.2	2277.5	2443.6
15°	1805.4	1862.3	1895.6	2144.7	2405.7
17.5°	1755.6	1795.9	1819.6	2014.2	2353.4
20°	1724.7	1743.7	1765.1	1919.2	2294.1
22.5°	1703.4	1691.5	1708.1	1852.9	2213.5
25°	1689.1	1644.1	1663.0	1800.6	2118.5
27.5°	1701.0	1601.3	1608.4	1753.2	2018.9
30°	1703.4	1549.2	1551.5	1703.4	1907.4
32.5°	1686.8	1494.6	1497.0	1641.7	1781.6
35°	1646.5	1430.6	1428.1	1570.5	1610.9
37.5°	1591.9	1361.8	1361.8	1492.3	1423.5
40°	1525.4	1293.0	1300.1	1390.2	1257.4
42.5°	1444.8	1219.4	1228.9	1255.0	1134.0
45°	1357.0	1148.2	1155.4	1060.4	1039.1
47.5°	1259.7	1074.7	1077.1	880.1	1008.3
50°	1143.5	998.7	989.3	754.4	1005.9
52.5°	1041.4	915.7	887.3	683.3	913.4
55°	941.8	828.0	766.3	628.7	846.9
57.5°	854.0	714.1	654.8	564.7	832.7
60°	773.4	602.6	557.6	495.9	763.9
62.5°	707.0	519.5	510.1	448.4	692.7
65°	635.8	462.6	460.2	408.1	588.4
67.5°	567.0	424.6	422.3	370.1	448.4
70°	493.4	384.4	379.6	329.8	332.1
72.5°	417.5	339.3	334.5	296.6	275.2
75°	341.6	287.0	284.7	258.6	223.0
77.5°	268.1	227.8	232.5	208.8	163.7
80°	192.2	166.1	170.8	149.5	123.4
82.5°	128.1	109.2	113.8	94.9	83.0
85°	71.1	61.7	64.0	49.8	37.9
87.5°	33.2	28.5	28.5	19.0	11.9
90°	25.7	16.4	15.1	10.5	5.8
92.5°	158.2	112.5	102.6	63.0	23.4
95°	389.4	219.3	201.1	128.5	56.0
97.5°	524.5	240.9	224.9	160.9	96.8
100°	573.6	258.9	244.4	186.4	128.3
102.5°	596.2	277.0	263.5	209.4	155.2
105°	613.0	303.9	292.4	246.5	200.6
107.5°	616.1	343.5	332.8	290.0	247.2
110°	611.4	365.7	356.0	317.3	278.7



TEST NUMBER: P935341

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	611.6	392.5	383.3	346.5	309.7
115°	617.2	432.7	424.2	390.2	356.3
117.5°	628.6	471.7	464.1	433.2	402.4
120°	638.0	494.6	487.3	458.3	429.2
122.5°	651.4	521.4	514.1	484.7	455.5
125°	669.5	555.8	549.1	522.4	495.7
127.5°	687.6	589.1	582.3	555.3	528.4
130°	700.8	611.2	603.9	574.9	545.9
132.5°	711.5	629.2	622.0	593.0	563.9
135°	723.2	650.3	643.6	617.2	590.7
137.5°	740.7	677.1	670.6	644.3	618.1
140°	751.3	695.1	689.2	665.0	640.9
142.5°	760.3	708.6	703.0	680.7	658.4
145°	772.0	729.0	724.1	704.7	685.2
147.5°	789.0	754.6	749.8	730.9	712.1
150°	798.0	768.0	763.7	746.6	729.5
152.5°	803.8	776.8	773.6	760.7	747.7
155°	816.7	796.0	793.6	784.0	774.5
157.5°	829.5	815.3	812.9	803.7	794.3
160°	835.3	824.0	822.3	815.0	807.7
162.5°	841.5	833.4	832.0	826.6	821.1
165°	850.5	846.8	845.5	840.6	835.7
167.5°	857.4	854.3	853.8	851.4	849.1
170°	863.3	863.1	862.5	860.2	857.9
172.5°	863.7	863.7	863.6	863.0	862.5
175°	867.1	868.9	868.9	868.9	868.9
177.5°	867.6	868.9	868.9	868.9	868.9
180°	868.9	868.9	868.9	868.9	868.9



TEST NUMBER: P935341
 CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-5000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.65	15.55	15.58	16.49	17.71	17.48	18.37	18.40	19.32	20.54
	3H	15.13	15.94	16.07	16.89	18.13	18.82	19.63	19.76	20.58	21.82
	4H	15.33	16.08	16.28	17.04	18.29	19.27	20.03	20.22	20.99	22.24
	6H	15.45	16.15	16.41	17.11	18.37	19.55	20.25	20.52	21.22	22.48
	8H	15.45	16.11	16.42	17.10	18.36	19.63	20.29	20.60	21.27	22.54
	12H	15.42	16.05	16.40	17.03	18.32	19.67	20.30	20.64	21.28	22.56
4H	2H	15.69	16.45	16.65	17.41	18.66	17.89	18.65	18.85	19.61	20.86
	3H	16.72	17.35	17.69	18.34	19.60	19.40	20.03	20.37	21.02	22.28
	4H	17.00	17.57	17.97	18.56	19.85	19.93	20.50	20.90	21.49	22.78
	6H	17.12	17.62	18.11	18.63	19.91	20.29	20.79	21.28	21.80	23.08
	8H	17.13	17.60	18.12	18.59	19.90	20.40	20.86	21.39	21.86	23.17
	12H	17.10	17.52	18.11	18.53	19.84	20.46	20.88	21.47	21.89	23.20
8H	4H	17.45	17.92	18.44	18.92	20.22	20.05	20.52	21.05	21.52	22.82
	6H	17.72	18.10	18.73	19.14	20.44	20.49	20.88	21.51	21.92	23.22
	8H	17.76	18.10	18.78	19.12	20.44	20.64	20.98	21.67	22.01	23.33
	12H	17.74	18.04	18.77	19.06	20.43	20.74	21.04	21.77	22.06	23.42
12H	4H	17.46	17.88	18.47	18.89	20.20	20.02	20.44	21.03	21.45	22.76
	6H	17.78	18.12	18.80	19.14	20.46	20.49	20.83	21.51	21.85	23.17
	8H	17.84	18.14	18.87	19.16	20.53	20.65	20.95	21.68	21.97	23.33